

Ohio EPA

Re: Cuyahoga County
Brook Park

Mayor and Council
City of Brook Park
6161 Engle Road
Brook Park, Ohio 44142

US EPA RECORDS CENTER REGION 5



416631

August 13, 1979

Gentlemen:

On 8 August 79, this writer accompanied by Mr. Robert Moore of the Cuyahoga County Health Department, visited two areas controlled by the City of Brook Park. This visit was requested by our Columbus Office.

The two areas were, #1, behind the Brook Park Service building along the south bank of Abrams Creek and #2, along the north bank of Abrams Creek between the Creek and Brook Park Industrial Parkway across the Parkway from the former Cleveland Tank Plant.

Our findings were:

I. Behind the Brook Park service building.

This area was noted to be in the process of being filled with demolition debris, excavation material and the like. Some solid waste was noted in this material but it could have come from the demolition operation itself. This is a frequent occurrence and as long as the fill site does not begin to receive solid waste on a regular basis and the solid waste received is covered, we allow such an operation to continue.

We also noted salt run-off traces. This salt run-off was from the stockpile of salt on Brook Park's rear lot, which is probably used for ice control in the winter. Also, there was an area in the fill area which contained an ash-salt mixture. Salt run-off toward Abrams Creek was noted.

II. Area across from the former tank plant.

This area has been filled with foundry sand, fly-ash, refractory blocks and demolition material. One area which is a drainage course to Abrams Creek was noted to be lined with foundry sand-fly ash mixture. Storm waters flowing through this course carry this material to Abrams Creek.

III. Recommendations:

A. Cover the entire area behind the City's service building with a minimum of two feet of compacted clay cover. Grade the slopes toward the Creek with no greater than a 4:1 slope, this will minimize erosion. Then seed this entire area. Do not put any more demolition/excavation material in this area as the flood plain of Abrams Creek has already been filled upon.

- B. Cover the stock pile of salt and excavate ditch around the pile. This should lessen any further potential for polluting Abrams Creek with the City's salt.
- C. Cover all filled material across from the tank plant with a minimum of two feet of clay cover and seed this area.
- D. Remove to a distance of fifty (50) feet minimum, all fly-ash, foundry sand, etc that has been deposited along the north bank of Abrams Creek. Then cover all side slopes with two feet of compacted clay material, then grade slope to less than 4:1 and then seed the entire area.
- E. All fly-ash-foundry sand material must be removed from the drainage course. This drainage course can then be filled with clay and rip-rap. This will also minimize erosion in this drainage course.

Any further filling in any of these areas will only increase the amount of pollution to Abrams Creek that the City of Brook Park is now providing by the operation of these unlicensed sites. Foundry sand and fly-ash is defined as solid waste and should be disposed only at a licensed sanitary landfill.

It is hoped that this outlines our position in this matter. If there are any questions, please call me at 425-9171.

Yours truly,

Jack L. Borgan, R.S.
District Solid Waste Scientist
Office of Land Pollution Control
Northeast District Office

JLB:tri

cc: Joe Speakman, R.S., Office of Land Pollution Control-Central Office
Robert Moore, c/o Cuyahoga County Health Department
U.S. EPA, Eastern District Office

bcc: Mr. William Assums, Councilman-Ward I, City of Brook Park ✓
Mr. Daniel G. Boyle, Councilman-Ward IV, City of Brook Park